

ABSTRACT OF THE DISCLOSURE

Disclosed is a power generation, distribution, and on-board power supply system for low-emission surface marine (navy) ships of different classes and sizes. The system is embodied as an equipment segment and includes at least one cruising speed drive unit, which can be supplied with electrical power from a DC network, and at least one auxiliary drive unit, e.g. a hydrojet, which can be supplied with electrical power from an AC network and can be connected as required. The DC network and the AC network are configured in such a way that power can be mutually transferred.